

## **Time-resolved spectroscopy and doppler tomography of UX UMa**

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### **Abstract**

Medium resolution spectroscopy of nova-like cataclysmic variable UX UMa was performed using the 6-m telescope SAO RAS in April 1999. Obtained spectra cover the total orbital period including eclipse phases and allow us to reproduce the radial velocity curve. The radial-velocity variations of the H $\beta$  emission line are found to have semi-amplitude of about 100 km/s. © Copyright 2004: IA, UNAM.

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